

**ANEKANT EDUCATION SOCIETY'S
TULJARAM CHATURCHAND COLLEGE OF ARTS, SCIENCE & COMMERCE,
BARAMATI, DIST. PUNE. (AUTONOMOUS)**

**WEBINARS CONDUCTED UNDER DBT – SCIENCE SETU PROGRAM FOR THE STUDENTS OF BOTANY, ZOOLOGY,
MICROBIOLOGY AND PHYSICS**

Sr. No.	Title of webinar/workshop	Talk title	Name of the Resource Person	Date	No. of Participants
1.	Webinar on cancer genomics by	Genomic Drivers of Oral Cancer and Proximal Metastasis	Dr. Partha Majumder	February 22, 2021;	176
2.	Workshop on - <i>How to read scientific literature?</i>	An introduction to project "MANAV" explaining how students can participate and contribute to this project	Dr. Anupma Harshal W	Feb 26, 2021	99
3.	National Science Day Public Talk on Stem Cells	The fascinating world of stem cells"	Dr. Deepa Subramanyam (Scientist, DBT-NCCS, Pune)	February 28, 2021;	155
4.	Panel Discussion Theme: <i>Gender Equality in STEM and Research</i> PANELIST	Building the Brain: Role of Transcription Factors and Chromatin Regulators,	Dr. Bhavana Muralidharan	8th March 2021,	172

5.	Webinar: on Artificial Intelligence for Medicine & Public Health'		Dr. Tavpritesh Sethi.	18 March 2021	172
6.	Webinar: 'What does the structure of a neuronal network tell us about its coding capacity'		Dr. Collins Assisi	25 March 2021	173
7.	Webinar on : 'Computational Gastronomy: A Data Science Approach to Food'		Dr. Ganesh Bagler (Associate Professor at the Center for Computational Biology, IIIT-Delhi)	01 April 2021	172
8.	Webinar under the 'India@75 - Science Setu' umbrella -	Mutations in the Coronavirus and Emergence of Variants'	Dr. Yogesh Shouche (Scientist Emeritus, DBT-NCCS, Pune)	07 May 2021	179
9.	The webinar organized under the 'India@75 - Science Setu' umbrella -	Fast & Accurate Characterisation of Single-Cell Transcriptomes'	Dr. Debarka Sengupta (Associate Professor of Computer Science and Computational Biology, IIIT-Delhi)	03 June 2021	150
10.	The webinar scheduled organized under the 'India@75 - Science Setu' umbrella -	How do atomistic simulations capture biomolecules in action?	Dr. Lipi Thukral (Senior Scientist, Computational Structural Biology, CSIR-Institute of Genomics and Integrative Biology, New	10 June 2021	172

			Delhi)		
11.	Webinar on: 'Shapeshifters in Cancer: How Do Tumor Cells Switch Among Different Cell States to Drive Metastasis & Drug Resistance?'		Dr. Mohit Kumar Jolly (Assistant Professor, IISc, Bengaluru)	24 June 2021	197
12.	Webinar - "Friends Forever? We & the microbes in our body"		Dr. Yogesh Shouche (Emeritus Scientist, DBT-NCCS, Pune)	23 July 2021	137
13.	Data Science Webinar Series by the 'Manav: Human Atlas Initiative'	The Analytical Challenges & Promises of Single-Cell Epigenomics"	Dr. Vibhor Kumar (Associate Professor, IIIT, New Delhi)	29 July 2021	138
14.	NCCS Alumni Seminar Series - Celebrating contemporary science in India (India@75)	"Emergence of Cancer Stem Cell Heterogeneity in Oral Cancer Through Population Dynamics"	Dr. Sandeep Singh (Associate Professor, NIBMG, Kalyani)	30 July 2021	142
15.	Webinar on, "Group Decision Using Neural Data Fusion"		Dr. Koel Das (Associate Professor, IISER-Kolkata)	05 August 2021	156
16.	Webinar on, "Roles of transcriptional enhancers in genome organization and gene regulation"		Dr. Dimple Notani (Wellcome Trust/DBT India Alliance Fellow & EMBO Global Investigator, NCBS-TIFR,	06 August 2021	175

			Bengaluru)		
17.	Webinar on "Dynamic Regulation of Chromatin Modifiers in Development and Diseases"		Dr. Shravanti Rampalli (Institute for Genomics and Integrative Biology, New Delhi)	13 August 2021	177
18.	Webinar on "Understanding anti-tumor functions of Th9 and NK cells"		Dr. Amit Awasthi (Translational Health Science and Technology Institute, India)	20 August 2021	166
19.	Webinar on "Dynamic Mitochondrial Genomic Networks: Methods and Applications"		Dr. Sarika Jalan (Professor, IIT Indore)	26 August 2021	162
20.	Webinar on : 'A phytochemical atlas of Indian medicinal plants for harnessing traditional knowledge		Dr. Areejit Samal (Computational Biology Group, The Institute of Mathematical Sciences, Chennai)	11 November 2021	160
21.	Webinar on : 'MicFunPred: Software developed to eavesdrop on microbial communities'		Dr. Dhiraj Dhotre (Scientist, NCCS, Pune)	16 November 2021	78
22.	Webinar – Talk on "Artificial Intelligence (AI) in Biology: Cracking protein structures with			28 Feb. 2022	94

	CASSPER & CoRNeA”				
23.	Webinar – Talk on "Live, dead and the very dead: Tracing evolution in deep time using seashells”		Dr Devapriya Chattopadhyay (IISER, Pune)	08 March 2022	146

Dr. Vitthal B. Nale
Coordinator

Principal